



ARCHIVAL CREATION AND PROVENANCE RECORD

Record Type:

Archival Technical and Provenance Documentation (Image-based Object Study)

Associated Final Image File:

2025-12-23 16-43-11 (B,R5,S1).tif

1. MOTIVE / OBJECT

Object:

Arknights Shard Cold Foil CRU000

Game:

Flesh and Blood Trading Card Game

Set:

Crucible of War – First Edition

Material Characteristics:

Cold Foil trading card with layered print substrate and holographic foil elements.

2. IMAGE CREATION – PHYSICAL SETUP

Lighting Equipment:

Walimex Pro LED SIRIUS 160 Daylight panels

Lighting Equipment Specifications:

Each Walimex Pro LED SIRIUS 160 Daylight panel is equipped with:

- 160 LEDs rated at 0.4 W per LED
- Nominal color temperature: 5600 Kelvin (± 200 K)
- Luminous flux: 6000 lumens
- Power consumption: 65 watts
- Color Rendering Index (CRI): 90–93 Ra
- Beam angle: 120 degrees

Panel Configuration:

Left Panel:

Height: 93.6 cm

Position: center panel left

Distance to object: 50 cm

Orientation: parallel to object

Dimmer setting: 45%

Light direction: directed towards object

Right Panel:

Height: 113 cm

Position: center panel right

Distance to object: 30 cm

Orientation: parallel to object

Dimmer setting: 100% (full strength)

Light direction: directed towards object

3. CAMERA AND OPTICS

Camera:

Sony Alpha 7 IV

Lens:

Sony FE 90mm F2.8 Macro G OSS

Camera Position:

Top-down orientation

Lens-to-object distance: approximately 13 cm

4. CAMERA SETTINGS

Shutter Speed: 1/100 s

Aperture: f/5.6

ISO: 200

White Balance: Daylight

Focus Field: Spot S

Focus Mode: AF-S

Drive Mode: Focus Bracketing

Bracketing Setting: 1 (narrow)
Number of Frames per Sequence: 30
Metering Mode: Multi
Shutter Type: Mechanical
Eye Autofocus: Disabled
File Format: RAW
Steady Shot (IBIS): Off
Lens OSS: Off

Tethering:
Imaging Edge Desktop (Tethered Shooting Mode)

5. SOURCE IMAGE DATA

Source Files:
DSC09587.ARW to DSC09609.ARW

Image Dimensions:
7008 x 4672 pixels

Date and Time of Capture:
Tuesday, 23 December 2025, 16:15

Total Captured Frames:
23 images

Excluded Frames:
7 images excluded due to focus distance being too far from subject

6. RAW DEVELOPMENT

Software:
Adobe Lightroom Classic

Development Settings:
Temperature: 5,450
Tint: +13
Sharpening Amount: 40
Sharpening Radius: 1.0
Detail: 25
Manual Color Noise Reduction: 25
Noise Reduction Detail: 50
Noise Reduction Smoothness: 50

Export Settings:
Image Format: TIFF
Compression: None
Color Space: Adobe RGB (1998)
Bit Depth: 16 Bit
Resolution: 300 pixels per inch

Exported TIFF Files:
Stack (1 von 23).tif to Stack (23 von 23).tif

Export Time:
Tuesday, 23 December 2025, 16:40

7. FOCUS STACKING

Stacking Software:
Helicon Focus 8.3.10

License:
Registration Pro (367 days remaining at time of use)

Render Method:
Method B (Depth Map)

Radius: 5
Smoothing: 1

8. FINAL IMAGE FILE

Final Output File:
2025-12-23 16-43-11 (B,R5,S1).tif

9. OBJECT ACQUISITION AND LOGISTICS

Seller:
Kai of Cards
Seringsstraat 23
6744 WZ Ederveen
Netherlands

Wikidata:
Q137376018

Order Number:
#1048

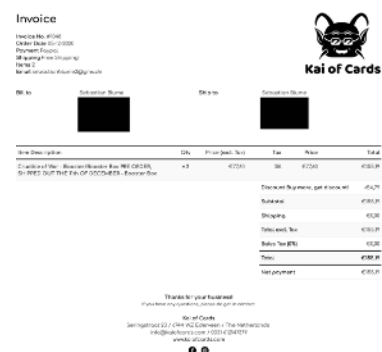
Order Date:
2020-12-05

Product:
Crucible of War Booster Box
Pre-order
Quantity: 2 of 2

Shipping:
Shipped out on 11 December 2020

Delivery Documentation:
Signature on delivery note dated 10/12

Invoice:
Invoice Date: 2020-12-05
Invoice Number: #1048
Items: 2 x 77.60 EUR
Tax: 0%
Total: 155.19 EUR



Arrival:
Hannover, Niedersachsen, Germany
2020-12-23, 12:40
(Photo documentation available)

Package Opened:
Hannover, Niedersachsen, Germany

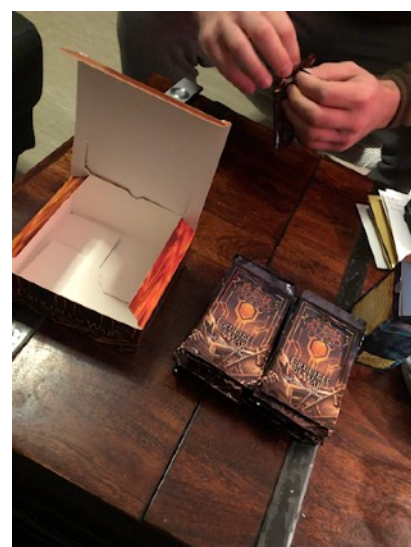


10. PULL EVENT

Location:
Munster, Niedersachsen, Germany

Display Opened:
2020-12-23, 17:01
(Photo documentation available)

Booster Opened:
2020-12-23, 17:03
(Photo documentation available)



11. FIRST PHOTOGRAPHIC DOCUMENTATION OF THE CARD

Location:
Hannover, Niedersachsen, Germany

Date and Time:
2021-02-02, 14:26
(Photo documentation available)



----- 12. LATER PROVENANCE CONFIRMATION -----

Confirmation:

Origin of the card confirmed by managing director of Kai of Cards

Person:

Corné van Dooren

Organization:

Kai of Cards
Seringstraat 23
6744 WZ Ederveen
Netherlands

Date of Confirmation:

2025-08-14

Form of Confirmation:

Photograph showing the card in front of the store logo

Signature on Fine Art Print 1/3 of the project "Light and Relic"



----- 13. FILE AUTHENTICATION AND DATA INTEGRITY (TEXT RECORD) -----

Authenticated File:

Arknight-Shard-CRU000_Material-Image-Provenance-Record_2025-12-23.pdf

Digital Signature:

This text record is digitally signed using Adobe Acrobat File Electronic Signatures (Adobe FES).

Timestamping:

An OpenTimestamps (OTS) cryptographic timestamp hash has been generated for this text record to provide an immutable proof of existence.

Data Integrity and Redundancy:

Parity recovery data has been created for this text record using PAR2 with a redundancy level of 25%, allowing partial reconstruction of the file in case of data corruption or loss.

14. TEMPORARY REMOVAL FROM SECURE STORAGE

Secure Storage:

The card was stored in a bank safe deposit box.

Temporary Removal:

The card was temporarily removed from secure storage on 2025-12-22 for the purpose of photographic documentation.

Purpose:

Image creation and technical documentation as described in this record.

15. RECORD RESPONSIBILITY

Record Creator:

Sebastian Blume

Role:

Image creation, technical documentation, and provenance record compilation.

Date of Record Creation:

2025-12-24

END OF RECORD
